

KEMET Part Number: C0805C103Z5UACTU
(C0805C103Z5UAC7800)

SMD Comm Z5U, Ceramic, 0.01 uF, -20/+80%, 50 VDC, Z5U, SMD, MLCC, General Purpose, Class III, 0805



Dimensions

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.78mm +/-0.10mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

General Information

Supplier:	KEMET
Series:	SMD Comm Z5U
Style:	SMD Chip
Description:	SMD, MLCC, General Purpose, Class III
Features:	Class III
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: Referee time for Z5U dielectric for this part number is 1000 hours
Chip Size:	0805
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	0.01 uF
Capacitance Tolerance:	-20/+80%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 VDC
Temperature Range:	+10/+85C
Temperature Coefficient:	Z5U
Dissipation Factor:	4.00% 1kHz 25C
Aging Rate:	7% Loss/Decade Hour
Insulation Resistance:	10 GOhms